

Attorney Docket No.: DEX-0172
Inventors: Salceda et al.
Serial No.: 09/763,978
Filing Date: April 25, 2001
Page 2

This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claims 1-13 (canceled)

Claim 14: (new) An isolated antibody that binds specifically to an ovarian specific native protein expressed by a gene comprising SEQ ID NO: 1, 10, 11, 12, 13 or 16.

Claim 15: (new) The isolated antibody of claim 14 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 1.

Claim 16: (new) The isolated antibody of claim 14 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 10.

Claim 17: (new) The isolated antibody of claim 14 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 11.

Claim 18: (new) The isolated antibody of claim 14 wherein the antibody binds specifically to the ovarian

Attorney Docket No.: **DEX-0172**
Inventors: **Salceda et al.**
Serial No.: **09/763,978**
Filing Date: **April 25, 2001**
Page 3

specific native protein expressed by the gene comprising
SEQ ID NO: 12.

Claim 19: (new) The isolated antibody of claim 14
wherein the antibody binds specifically to the ovarian
specific native protein expressed by the gene comprising
SEQ ID NO: 13.

Claim 20: (new) The isolated antibody of claim 14
wherein the antibody binds specifically to the ovarian
specific native protein expressed by the gene comprising
SEQ ID NO: 16.

Claim 21: (new) The antibody of claim 14 wherein the
antibody is a monoclonal antibody.

Claim 22: (new) The antibody of claim 14 wherein the
antibody is attached to a reagent selected from the group
consisting of radioactive reagents, fluorescent reagents
and enzymatic reagents.

Claim 23: (new) The antibody of claim 22 wherein the
enzymatic reagent is horseradish peroxidase or alkaline
phosphatase.

Claim 24: (new) The antibody of claim 14 wherein the
antibody specifically binds to the native protein in cells,
tissues or bodily fluids.

Claim 25: (new) The antibody of claim 24 wherein the
antibody is a monoclonal antibody.

Attorney Docket No.: **DEX-0172**
Inventors: **Salceda et al.**
Serial No.: **09/763,978**
Filing Date: **April 25, 2001**
Page 4

Claim 26: (new) The antibody of claim 24 wherein the bodily fluids are selected from the group consisting of blood, urine, saliva and bodily secretions.

Claim 27: (new) The antibody of claim 26 wherein blood is whole blood, plasma, serum or a derivative of blood.

Claim 28: (new) A method for binding an ovarian specific native protein on a cell comprising contacting the cell with an isolated antibody that binds specifically to an ovarian specific native protein expressed by a gene comprising SEQ ID NO: 1, 10, 11, 12, 13 or 16.

Claim 29: (new) The method of claim 28 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 1.

Claim 30: (new) The method of claim 28 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 10.

Claim 31: (new) The method of claim 28 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 11.

Claim 32: (new) The method of claim 28 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 12.

Attorney Docket No.: **DEX-0172**
Inventors: **Salceda et al.**
Serial No.: **09/763,978**
Filing Date: **April 25, 2001**
Page 5

Claim 33: (new) The method of claim 28 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 13.

Claim 34: (new) The method of claim 28 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising SEQ ID NO: 16.

Claim 35: (new) The method of claim 28 wherein the antibody is a monoclonal antibody.

Claim 36: (new) The method of claim 28 wherein the antibody is attached to a reagent selected from the group consisting of radioactive reagents, fluorescent reagents and enzymatic reagents.

Claim 37: (new) The method of claim 36 wherein the enzymatic reagent is horseradish peroxidase or alkaline phosphatase.